

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SENSOR FOR DETECTING SMALL CONCENTRATIONS OF A TARGET MATTER, the specification of which (check one):

☒ is attached hereto; or

_____ was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above; and

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed	Priority Claimed (Yes) (No)
-----NONE-----			

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial Number	Date Filed	Status
-----NONE-----		

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

<u>Application Serial Number</u>	<u>Date Filed</u>	<u>Status (Patented, Pending, Abandoned)</u>
-----NONE-----		

I hereby appoint the following as my attorneys/agents with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities:

René E. Grossman	Reg. No. 22,656
Glenn H. Lenzen, Jr.	Reg. No. 29,320
Philip P. Berestecki	Reg. No. 26,502
William C. Schubert	Reg. No. 30,102
Leonard A. Alkov	Reg. No. 30,021
Colin M. Raufer	Reg. No. 40,781
Robin R. Loporchio	Reg. No. 40,071
David L. Kinsinger	Reg. No. 33,927
John J. Snyder	Reg. No. 39,380
Steven T. Wernicki	Reg. No. 39,416

all of Raytheon Company; and

The practitioners at Customer Number



all of the firm of Baker Botts L.L.P.

Send Correspondence To:

Jerry W. Mills

Baker Botts L.L.P.

2501 Ross Avenue, Suite 600

Dallas, Texas 75201-2980

Direct Telephone Calls To:

Brian W. Oaks

at (214) 953-6986

Atty. Docket No. 004578.1148

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of the sole or first inventor

Dipankar (nmi) Chandra

Inventor's signature

Dipankar Chandra

Date

November 6, 2001

Residence (City, County, State)

Richardson, Dallas County, Texas

Citizenship

United States of America

Post Office Address

1404 Baltimore
Richardson, Texas 75081

Full name of additional inventor, if any

Athanasios J. Syllaos

Inventor's signature

Athanasios J. Syllaos

Date

November 6, 2001

Residence (City, County, State)

Richardson, Dallas County, Texas

Citizenship

United States of America

Post Office Address

12 Bunker Hill
Richardson, Texas 75080

1000591-1148